



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/699,929	11/04/2003	Joe Sheu	MR1035-1329	3876
4586	7590	05/26/2006	EXAMINER	
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			YENKE, BRIAN P	
			ART UNIT	PAPER NUMBER

2622

DATE MAILED: 05/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/699,929

Applicant(s)

SHEU ET AL.

Examiner

BRIAN P. YENKE

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3 and 7-8 rejected under 35 U.S.C. 102(e) as being anticipated by Kawamoto et al., US 6,889,246.

In considering claims 1-2,

Kawamoto discloses a TV receiver 13 (Fig 1) which includes a memory card slot interface 13c (Fig 1, Fig 4) which allows the user to insert a memory card (which includes a variety of different specs via a user (Fig 4)) and the CPU 13A controls the system to play the received desires signals on television 13.

In considering claim 3,

Kawamoto discloses the memory card being user specified, including password meeting the secured digital, multimedia and smart media claimed limitations.

In considering claims 7 and 8,

Kawamoto disclose the reception/processing of both analog or digital television signals (col 18 , lines 21-33) including MPEG (Fig 4).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4-6 and 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawamoto et al., US 6,889,246.

In considering claims 4-5,

Kawamoto does not explicitly recite further providing a optical read/write device in the television. Kawamoto does disclose that the system is able to handle/process dynamic images, sound (including MP3) by the use of the memory card slot (Fig 4).

The practice of including a optical read/write device into a TV system is notoriously well known in the art and thus the examiner takes "OFFICIAL NOTICE" regarding such feature, since the inclusion of such is purely a cost/choice based upon users needs/cost desires.

In considering claim 6,

Kawamoto discloses the use of a memory 13b (Fig 5) in the television, however does not recite a hard disk drive.

The practice of including a hard disk drive into system (i.e. TV) is notoriously well known in the art in order to provide the user the ability to store large amounts of data, thus the examiner takes "OFFICIAL NOTICE" regarding such feature.

In considering claim 9,

Kawamoto discloses the processing of audio/video including video, audio, a/v and television signals (see Fig 4). However, Kawamoto does not explicitly recite the use of “game files” which are conventionally available to television units since they provide the user the ability to display/play games files if the user is a gamer (plays video games), and thus the examiner takes OFFICIAL NOTICE regarding the use of such files, since the incorporation of such files in Kawamoto would have been obvious to one ordinary skill in the art for the advantages as noted above.

In considering claims 10-11,

Kawamoto does not explicitly recite the conversion of decompressed digital data to analog for display, nor the conversion of analog data to digital for display, but the conversion based upon the type of display device (i.e. if the display device is digital (where a compressed signal obviously need to be decompressed, i.e. MPEG (Fig 4)) , the analog data signal would be converted and vice versa), this is common practice in the art, since the signal requirements for the display dictate the type of signal it can receive/display, thus the examiner takes “OFFICIAL NOTICE” regarding such conventional features in a system.

In considering claim 12,

Kawamoto discloses the concept of networking various devices of a system but does not explicitly recite the protocol (i.e. USB or IEEE) used in the connection. However, the use of a USB or IEEE protocol are conventional available standards in the connection/transmission/reception between devices and thus the examiner takes “OFFICIAL NOTICE” regarding such protocol since it is notoriously well known in the art.

Conclusion

5. The examiner has taken OFFICIAL NOTICE with regard to notoriously well known features as claimed above, thus in the event the applicant traverses such notice, the examiner would like the applicant to thoroughly review the art of record, since the examiner has cited references which pertain to TV sets which includes memory card slot interfaces as claimed by the applicant.

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure—see newly cited references on attached form PTO-892.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Yenke whose telephone number is (571)272-7359. The examiner work schedule is Monday-Thursday, 0730-1830 hrs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, David L. Ometz, can be reached at (571)272-7593.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571)-273-8300

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703)305-HELP.

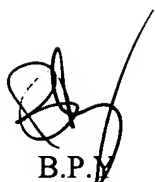
General information about patents, trademarks, products and services offered by the United States Patent and Trademark Office (USPTO), and other related information is available by contacting the USPTO's General Information Services Division at: 800-PTO-9199 or 703-308-HELP (FAX) 703-305-7786 (TDD) 703-305-7785

An automated message system is available 7 days a week, 24 hours a day providing informational responses to frequently asked questions and the ability to order certain documents. Customer service representatives are available to answer questions, send materials or connect customers with other offices of the USPTO from 8:30 a.m. - 8:00p.m. EST/EDT, Monday-Friday excluding federal holidays.

For other technical patent information needs, the Patent Assistance Center can be reached through customer service representatives at the above numbers, Monday through Friday (except federal holidays) from 8:30 a.m. to 5:00 p.m. EST/EDT.

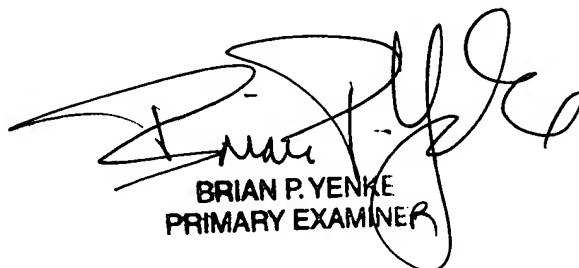
The Patent Electronic Business Center (EBC) allows USPTO customers to retrieve data, check the status of pending actions, and submit information and applications. The tools currently available in the Patent EBC are Patent Application Information Retrieval (PAIR) and the Electronic Filing System (EFS).

PAIR (<http://pair.uspto.gov>) provides customers direct secure access to their own patent application status information, as well as to general patent information publicly available. EFS allows customers to electronically file patent application documents securely via the Internet. EFS is a system for submitting new utility patent applications and pre-grant publication submissions in electronic publication-ready form. EFS includes software to help customers prepare submissions in extensible Markup Language (XML) format and to assemble the various parts of the application as an electronic submission package. EFS also allows the submission of Computer Readable Format (CRF) sequence listings for pending biotechnology patent applications, which were filed in paper form.



B.P.Y.

24 May 2006



BRIAN P. YENKE
PRIMARY EXAMINER